

What is claimed is:

1. A reforming-catalyst composition comprising nickel oxide and lanthanum oxide which serve as a catalytic material for inducing a reaction between steam and a hydrocarbon material equivalent to naphtha or kerosene to produce a hydrogen-containing gas, said nickel oxide and lanthanum oxide being partly or entirely formed as a perovskite-structured compound.
2. The reforming-catalyst composition as defined in claim 1, which further includes an additional oxide of alumina, silica or zirconia wherein said perovskite-structured compound is formed on said additional oxide to provide a catalyst carrier.
3. The reforming-catalyst composition as defined in claim 1, which includes nickel supported by a catalyst carrier including said perovskite-structured compound.
4. The reforming-catalyst composition as defined in claim 1, which includes ruthenium supported by a catalyst carrier including said perovskite-structured compound.